See attached form for additional information

Interagency Report Control No.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 87-R-0001

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

University Of Utah

CUSTOMER NUMBER:

NOT A FOIA DELETION

615 Arapeen Drive

Telephone:

Ste. 116 Salt Lake City, UT 84108

Cto 116

(801)581-6840

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not y	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	0	16	178	0	194
5. Cats	0	0	22	0	22
6. Guinea Pigs	0	0	1164	0	1164
7. Hamsters	0	0	239	0	239
8. Rabbits	0	67	487	0	554
9. Non-human Primate	0	4	20	0	24
0. Sheep	0	0	46	0	46
1. Pigs	0	0	138	0	138
2. Other Farm Animals					
Goats	0	0.	50	0	50
3. Other Animals				0	
Gerbils	0	0	176	0	176

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and follo actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal ca

ON BY HEADQUARTERS RESEARCH FACILITY OFFICIAL- cutive Officer or Legally Responsible Institutional Official)				
SIG	,	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print	DATE SIGNED	(

FACILITY LOCATIONS ATTACHMENT

HSDA, APPIS, AC SACRAMENTO, DA

ARC

BIO

BIOP

CVRTI

LARF

SOM

FARM

IACUC OFFICE

See attached form for additional information

11-21-00

UNITED	STATES DEPARTMENT OF AGRICULTURE	
ANIMAL	AND PLANT HEALTH INSPECTION SERVICE	Ξ

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. CERTIFICATE NUMBER: 87-R-0003

CUSTOMER NUMBER: 3

FORM APPROVED OMB NO. 0579-0036

Brigham Young University

A-261, Asb

Telephone:

(801)378-6882

Provo, UT 84602

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

(AUG 91)

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A. B. Number of animals being bred, conditioned, or	C. Number of animals upor which teaching research,	research, surgery, or	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate	F. TOTAL NUMBE
By The Animal Welfare Regulations held for use in teaching, testing, experiments, research, or surgery but not y	experiments, tests were conducted involving no pain, distress use of pain- relieving drug	involving accompanying pain or distress to the animals or and for which appropriate anesthetic, a	anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	(COLUMNS C + D + E)
l. Dogs		30		30
5. Cats		18		18
6. Guinea Pigs				i
'. Hamsters				:
3. Raphits		28		28
Non-human Primate				
0. Sheep				
1. Pigs				
2. Other Farm Animals				
3. Other Animals				
Black Bears	8	:		8
White-tailed antelope squ	irrel 9			9
Cliff Chipmunk	1			1
ASSURANCE STATEMENTS			The second secon	
Professionally acceptable standards governing actual research, teaching, testing, surgery, or			oriate use of anestetic, analgesic, and tranquilizing drugs, pri	or to, during, and follo
Each principal investigator has considered all	,	•	1101 7 7 2000	
investigator and approved by the Institutional	Animal Care and U	e Committee (IACUC). A summary of a	ons to the standards and regulations be specified and explain Il such exceptions is attached to this annual report. In addition species and number of animals affected.	
			adequate veterinary care and to oversee the adequacy of othe	r aspects of animal ca
		ON BY HEADQUARTERS RESEAI cutive Officer or Legally Responsil		
SIGNATURE (NAME & TITLE OF C.E.C	D. OR INSTITUTIONAL OFFICIAL (Type or Print	DATE SIGNED
				.11-15-

See reverse side for additional information. Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

FORM APPROVED OMB NO. 0579-0036

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

CONTINUATION SHEET FOR ANNUAL REPORT
OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach adictional sheets if necessary or use this form.)

A. Animals Covered By The Animal Welfare Regulations 12 3/OR 13. Other (Ust by species)	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-refleving drugs.	(Attach adictional sheets if ne building the property of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the unimals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	Number of animals upon which teaching, experiments, research, surgery or lests widenducted involving accompanying pain to the animals and for which the use of upanesthetic, analgesic, or tranquilizing druidave adversely affected the procedures, rinterpretation of the teaching, research, experiments, surgery, or tests. (An explain the procedures producing pain or distress animals and the reasons such drugs were must be attached to this report).	or distress propriate growth of the suits, or or or other suits, or or or other suits, or other sui
Valley Pocket Goph	er	1			1
Ord's Kangaroo Rat		98			98
Northern Grasshopp	er Mouse	10			10
Silky Pocket Mouse		72			72
Great Basin Pocket	Mouse	1			1
Apache Pocket Mous	е	3			3
Sagebrush Vole		1			1
Long-tailed Vole		1			1
Desert Woodrat		19			19
Brush Mouse		76			76
Canyon Mouse		48		, , , , , , , , , , , , , , , , , , ,	48
Deer Mouse		533			533
Pinyon Mouse		316			316
Western Harvest MC	use	79			79
				and the second s	

ASSURANCE STATEMENTS

- 1). Professionally acceptable standards governing the care, treatment, and use of animals, including approxiate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and exceptions is attached to this annual report—in addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of annuals affected.
- 4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)
Legitify that the above is true, correct, and complete (7 U.S.C. Section 2143).

I certify that the above is true, correct, and complete (7 U.S.C. Section	n 2143
---	--------

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

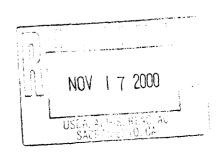
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

Customer ID and Site Address:

Cust ID: 3

9th Floor, Widtsoe Building Provo, UT 84602 1231 County: Utah

Telephone (801)378-6882



This right is required by law (7 USC 2143). Failure to report according to the regulations

See attached form for additional information

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 87-R-0004

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

L D S Hospital 8th Avenue And C Street

CUSTOMER NUMBER: 4

Telephone: (801)321-1100

(111201111111)

Salt Lake City, UT 84143

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A .	B. Number of	C. Number of	D. Number of animals	E. Number of animals upon which teaching,	F.
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not y	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs			5		5
5. Cats					
6. Guinea Pigs			1		
7. Hamsters					
8. Rabbits		45			45
9. Non-human Primate					
0. Sheep					
1. Pigs			:		
2. Other Farm Animals					
3. Other Animals			:		
Mice			30		1
Rats			7		
1					

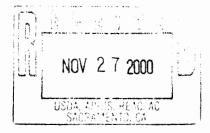
- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and follo actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal ca

· · · · · · · · · · · · · · · · · · ·	HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional Official)	
Si	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print	DATE SIGNED

Customer ID and Site Address:

Cust ID: 4

8th Avenue And C Stre Salt Lake City, UT 84143 County: Salt Lake Telephone (801)321-1100



See attached form for

This report is required by law (7 USC 2143). Failure to report according to the regulations can

additional information

UNITED STATES DEPARTMENT OF AGRICULTURE

1. CERTIFICATE NUMBER: 87-R-0008

FORM APPROVED

CC. JA

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

CUSTOMER NUMBER: 5

OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Weber State University 3750 Harrison Blvd.

2505

Telephone:

(801)626-7931

Ogden, UT 84408 - 7.50 5

6170

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or heid for use in teaching, testing, experiments, research, or surgery but not y	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBEF OF ANIMALS (COLUMNS C + D + E)
4. Dogs	: 0		0		φ
5. Cats				<u> </u>	
6. Guinea Pigs					
7. Hamsters					
8. Rabbits			1		
9. Non-human Primate			:		
0. Sheep					
1. Pigs			:		:
2. Other Farm Animals	:				
3. Other Animals					
	:			0	- 5

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and follo actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

	4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal	ca
	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	\Box
1	(Chief Executive Officer or Legally Responsible Institutional Official)	- 1
<u> </u>		_
s	NAMES TITLE OF A FOUND TITLE OF A FOUND TITLE SIGN	ED
	11-20	100

Customer ID and Site Address:

Cust ID: 5

3750 Harrison Blvd. Ogden, UT 84408 3001 County: Weber

Telephone (801)626-7931

See attached form for additional information Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 87-R-0013 CUSTOMER NUMBER: 1013

FORM APPROVED OMB NO. 0579-0036

F.

TOTAL NUMBER

OF ANIMALS

(COLUMNS

C + D + E)

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

B. Number of animals being

bred,

conditioned, or

held for use in

experiments,

teaching,

testing,

Animals Covered

By The Animal

Welfare Regulations

N P S Pharmaceuticals 420 Chipeta Way, Suite 240

Telephone:

(801)583-4939

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

C. Number of

research.

tests were

conducted

involving no

animals upon

which teaching,

experiments, or

Salt Lake City, UT 84108

E. Number of animals upon which teaching,

experiments, research, surgery or tests were

conducted involving accompanying pain or distress

to the animals and for which the use of appropriate

anesthetic, analgesic, or tranquilizing drugs would

have adversely affected the procedures, results, or

interpretation of the teaching, research, experiments,

surgery, or tests. (An explanation of the procedures

FACILITY LOCATIONS (Sites) - See Atached Listing

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or heid for these purposes. Attach additional sheets if necessary)

D. Number of animals

upon which

involving

experiments, teaching,

research, surgery, or

tests were conducted

accompanying pain or

distress to the animals

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)

	research, or surgery but not y	pain, distress, or use of pain- relieving drugs.	and for which appropriate anesthetic, a	producing pain or distress in these animals and the reasons such drugs were not used must be attached to	!
4. Dogs	.0	0	0	0	0
5. Cats	0	0	0	0	
3. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	0	0		0
3. Rabbits	0	0	0	0	0
9. Non-human Primate	0	0		0	
0. Sheep	0	0	0	o o	0
1. Pigs	Ö		0		
2. Other Farm Animals	0	Ŏ	Ö	ŏ	0
3. Other Animals					
		<u> </u>			
ASSURANCE STATEMENTS				ि । १ (ई. । १ र ।	
actual research, teachi 2) Each principal investig 3) This facility is adhering investigator and approduced excel	ing, testing, surgery, or e pator has considered alte g to the standards and re oved by the Institutional A ptions, this summary incl	xperimentation were follow rnatives to painful proced gulations under the Act, a unimal Care and Use Comi udes a brief explanation o	wed by this research facility. ures. nd it has required that exceptions nittee (IACUC). A summary of all s if the exceptions, as well as the s	ote use of anestetic, analgesic, and tranquilizing drugs, prior of the standards and regulations be specified and explaine such exceptions is attached to this annual report. In addition pecies and number of animals affected.	d by the principal to identifying the
SIGNATURE OF C.E.O			Y HEADQUARTERS RESEARC Officer of Logally Research NAME & TITLE OF C.E.O.	o Institutional/Official \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	DATE SIGNED
APHIS FORM 7023 (Re	epiaces VS FORM 18-23(OCT 88), which is obsolete.			0 20 00

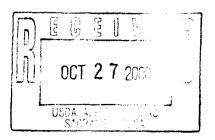
Annual Report Site Listing: Customer ID and Site Address:

Cust ID: 1013

420 Chipeta Way, Suite 240

Salt Lake City, UT 84108 County: Salt Lake

Telephone (801)583-4939



(CC = JD ==

This report is required by law (7 USC 2143). Failure to report according to the regulations can

See attached form for additional information Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER:

87-R-0018

FORM APPROVED OMB NO. 0579-0036

CUSTOMER NUMBER: 1629

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Frontier Biomedical, Inc. 1785 North 730 West

Telephone:

(435)752-5007

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

Logan, UT 84341

othersites FACILITY LOCATIONS (Sites) - See Alached Listing

		1 · · · · · · · · · · · · · · · · · · ·	1	onal sheets if necessary or use APHIS Form 7023A)	1 =
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or heid for use in teaching, testing, experiments, research, or surgery but not y	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	Ø	Ø	Ø	\mathcal{Q}	Ø
5. Cats					Ø
6. Guinea Pigs					Ø
7. Hamsters					Ø
8. Rabbits		<u></u>			Ø
9. Non-human Primate)		·		Ø
0. Sheep	24	8	28		36
1. Pigs	Ø	Ø	104		104
2. Other Farm Animals					0
					Ø
3. Other Animals			<u></u>)	Ø
ASSURANCE STATEMENT		·			

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquillzing drugs, prior to, during, and follo actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal ca

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional Official)	
SIG	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print	DATE SIGNED

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 87-R-0018 CUSTOMER NUMBER: 1629

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Frontier Biomedical, Inc. 1785 North 730 West

Telephone:

(435)752-5007

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

Logan, UT 84341

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

other sites FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)					
A. Animals Covered By The Animal Weffare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not y	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	Ø	Ø	Ø	Ø	Ø
5. Cats					Ø
6. Guinea Pigs					Ø
7. Hamsters					·Ø
8. Rabbits		(Ø
9. Non-human Primate))		Ø
0. Sheep	24	8	28		36
1. Pigs	Ø	Ø	104		104
2. Other Farm Animals					0
					D
3. Other Animals					<u> </u>
				·.	
ASSURANCE STATEMENTS	<u> </u>				

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and folio actual research, teaching, testing, surgery, or experimentation were followed by this research facility. MOV 2 7 2000
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal Investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report, in addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

1 The attention vectorial author dus research facility has appropriate actionly to ensure the provision of adequate veterinary care and to oversee the adequacy or other aspects of animal ca					
		EADQUARTERS RESEARCH FACILITY OFFICIAL icer or Legally Responsible institutional Official)			
SIGNATURE		NAME & TITLE OF C.E.O. OP INSTITUTIONAL OFFICIAL (Transport Print	DATE SIGNED		
			11/16/00		
APHIS FORM					

See attached form for additional information

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 87-R-0020 CUSTOMER NUMBER: 1831

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Utah Artificial Heart Inst. 803 North 300 West

Telephone:

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

Salt Lake City, UT 84103

(801) 332 -1/00

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)							
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not y	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)		
4. Dogs	Ø	B	Ø	· Ø	Ø		
5. Cats	Ø	Ø	Ø	Ø	1 5		
6. Guinea Pigs	Ø	Ø	Ø	Ø	4		
7. Hamsters	Ø	Ø	Ø	<u>B</u>	Ø		
8. Rabbits	Ø	Ø	4	\mathscr{L}	4		
9. Non-human Primate	Ø	Ø	\$	Ø	Ø		
0. Sheep	19	Ø	10	K	10		
1. Pigs	Ø	D	2	Ø	2		
2. Other Farm Animals このひら	2	Ø	10	Ø	10		
3. Other Animals	B	Ý	Ø	ý	Ø		
ASSUBANCE STATEMENTS	3						

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and follo actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care.

_	-) The attending veterinarian for this research facility	and appropriate authority to ensure the provision of adequate veterancy cure and to oversee the adequacy of outer	aspects of animal or	
ſ		CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	duloo	
		(Chief Executive Officer or Legally Responsible Institutional Official)		
	SICHATTIRE OF CE C. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.Q. OR INSTITUTIONAL OFFICIAL (Type or Print	DATE SIGNED	ſ
			300,000	þ

Customer ID and Site Address:

Cust ID: 1831

9990 South 3100 East Sandy, UT 84092 County: Salt Lake Telephone (999)999-9999

OCT 10 2363

O Utah Artificial Heart Institute



October 3, 2000

To:

United States Department of Agriculture

9580 Micron Ave. Suite J Sacramento, CA 95827

From:



Salt Lake City, UT 84103

Registration number: 87-R-0020

Re:

October 1999 through September 2000 Annual Report

There were no animals used at the Utah Artificial Heart Institute between October 1999 to September 2000 pertinent to column E upon which teaching, experiments research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesia, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching research experiments, surgery, or tests. There were also no exceptions to the regulations and standards, specified and explained by the principal investigator and approved by the IACUC. There were also no experiment conducted at UAHI with "death as an endpoint"

Sincerely,



